

Cyclonator II

Dimensions	
Wash area	Varies
Weight (dry)	1600 lb.
L X W X H	110" x 48" x 55"
Holding tank	42" diameter, 84"H
Capacities	
Water In Process	250-gallons
Holding Tank	600-gallons
Pressure	Varies
Flow Filter Process	20 GPM
Electric	220V single, 240V or 480V 3 phase
Standard Filtration	
Oil Coalescing	1525 sqft of Lantec Media
Oil Skimming	Belt type stainless steel skimmer with internal reservoir
1st Bag Filter	RP absolute 25 micron cleanable filter
2nd Bag Filter	RP absolute 9 micron oil adsorbing filter
Ozone	24/7 automatic ozone injection
Settling	600-gallon holding/settling tank
Recirculation	24/7 complete system recirculation
Enclosure	
Material	Stainless Steel
Components and Controls	
Electrics	Allen Bradley PLC with Rockwell logic
Electrics	All motors TEFC and thermal protected all wires feral terminated
Electric Enclosure	Hoffman NEMA 4 enclosure
Pumps	ITT Goulds filter pump
Recovery	Vacuum generated by Siemens regenerative blower
Ozone	Corona discharge (electric) ozone with venturi injection
Filter Housings	RP highpressure stainless steel #2 housings
Operation	
On/Off	"One Button" operation
Processing	Automatic, controlled by floats and PLC
Wash Rack	
	Optional
Dimensions	9' x 6' increments 6" high
Construction	3/8" diamond tread plate
Capacity	10,000 lb. wheel load
Walls	6'h galvanized
Ramps	4' x 6' low angle approach
Trough	2 each 8" troughs covered with grates, suction from either end

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Trough, Skid Steer	<i>6' wide side trough designed for cleanout with skid steer</i>
Filtration Options	
Inlet Prefilter	<i>Gross contaminant collection</i>
Material	<i>Stainless steel or aluminum</i>
Dimensions	<i>24"l x 24"w x 42"h</i>
Filters	<i>4 each #2 bag filters 50 to 800 micron</i>
Media (sand)	<i>Suspended solids reduction</i>
Dimensions	<i>90"l x 36"w x 90"h skid mounted</i>
Controls	<i>Automatic, controlled by floats and PLC</i>
Pump	<i>ITT Goulds</i>
Housing	<i>High pressure vertical design industrial grade</i>
Media	<i>Three grades of media from gravel to zeolite</i>
Backwash	<i>Manual or automatic</i>
Biological	<i>Oil and biological applications</i>
Aerobic Bacteria	<i>Specific to application, liquid or dry</i>
pH adjust	<i>Dema injection pump with scott instrumentation</i>
Carbon	<i>Metal, BOD and odor control</i>
Dimensions	<i>90"l x 36"w x 90"h skid mounted</i>
Controls	<i>Automatic, controlled by floats and PLC</i>
Pump	<i>ITT Goulds</i>
Housing	<i>High pressure vertical design industrial grade</i>
Media	<i>Activated carbon</i>
Ultra Filter	<i>Soluble oil removal</i>
Dimensions	<i>Housing and pump installed on Cyclonator</i>
Tank	<i>600-gallon, 42" diameter 84"h</i>
Flows	<i>1.2 GPM</i>
Pressure	<i>Maximum pressure 200 PSI</i>
Pump	<i>Itt Goulds</i>
Housing	<i>Stainless steel Codeline housing</i>
Membrane	<i>GE Osmonics spirial wound</i>
Controls	<i>Flow and Pressure</i>
Flush	<i>Manual or automatic mambrane cleaning loop</i>
Reverse Osmosis	<i>Salts, soaps and heavy metal removal</i>
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